



### **ABSTRACT OF THE DISCLOSURE**

A method for adjusting microstructural properties of a metal produced in an installation for shaping, cooling, and/or heat treatment of the metal, especially steel or aluminum, wherein the installation is equipped with actuators for setting specific operating parameters, and the corresponding method process is based on a method model, with which suitable process control and/or process regulation variables for acting on the actuators are determined online with computer assistance after relevant measured values have been detected, wherein at least one current actual microstructural characteristic value that provides information about the metal microstructure is detected online at an end of or during a corresponding method process as a relevant measured value, and that, depending on this value and with the use of a microstructure model and the method model on which the process is based.